



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Jonathan E. Greene

Application No.: 10/643,164

Filed: August 18, 2003

For: Methods and Apparatus For Fast Fourier Transforms

Attorney Docket No.: 102323-130

Group Art Unit: 2124

Examiner: Chat C. Do

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Dear Sir:

Enclosed are the following documents for filing in connection with the above-referenced patent application:

1. Amendment and Response;
2. Return receipt postcard.

The Commissioner is hereby authorized to charge any underpayments or overpayments in connection with this filing to our Deposit Account No. 141449, Reference No. 102323-130, Customer No. 021125. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is deposited with the United States Post Office as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

Date: August 18, 2004

Ronald E. Cahill, Reg. No. 38,403

Respectfully submitted,

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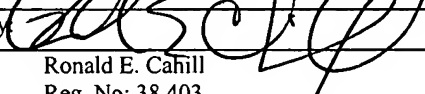
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August 18, 2004	By: 
Date of Signature and Mail Deposit	Ronald E. Cahill Reg. No: 38,403

**AMENDMENT AND RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated May 19, 2004, please amend the above-identified U.S. patent application as follows:

**Amendments to the Abstract** are reflected in the revised section entitled "Abstract" which begins on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.